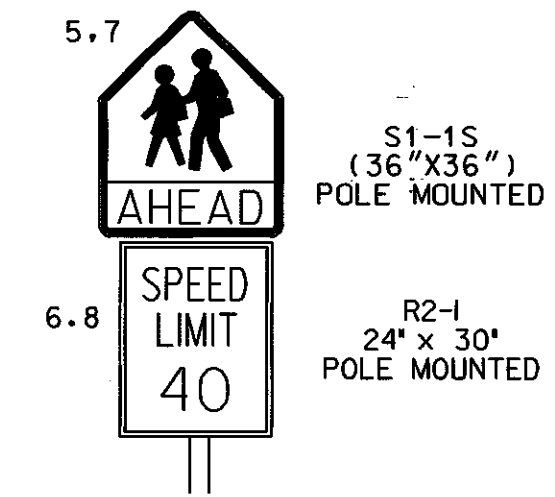


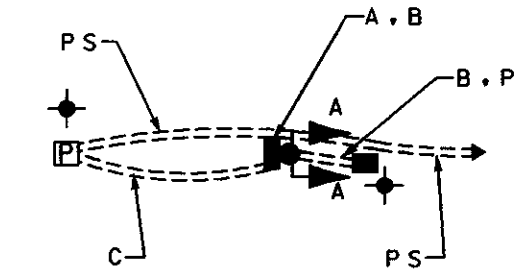
NOTE: MD 246 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.

PROPOSED SIGNS

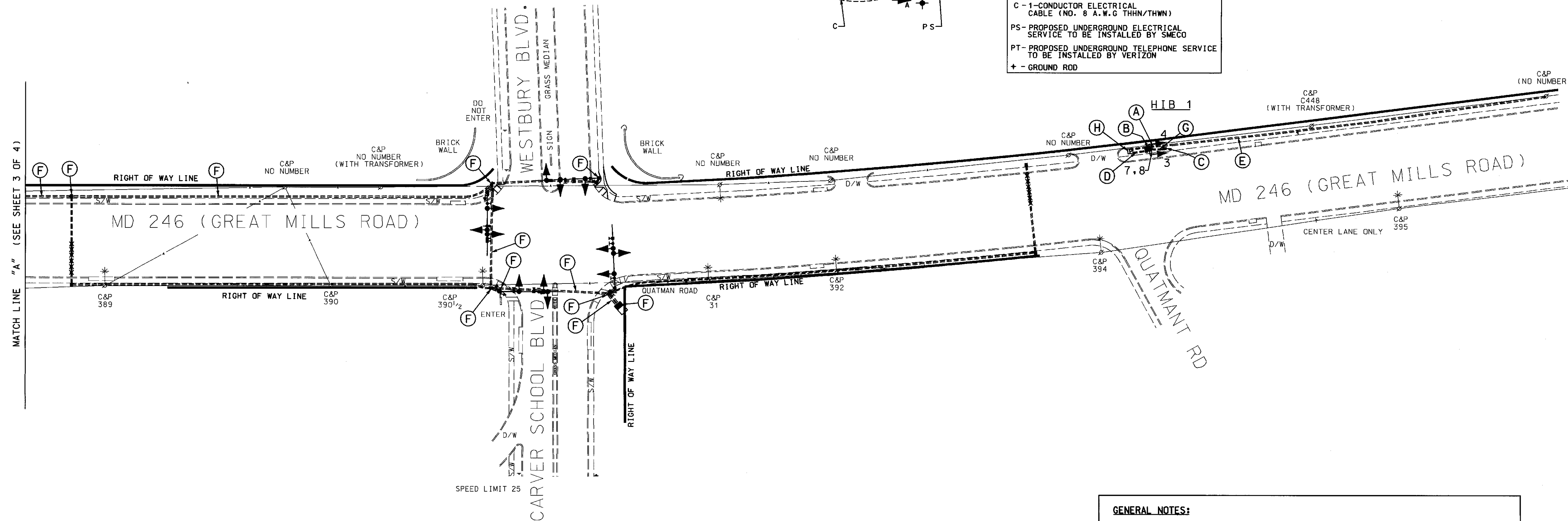
PROPOSED SIGNALS



HIB 1
WIRING DIAGRAM
MD 246: EAST OF CARVER SCHOOL BLVD.
(WESTBOUND HIB)



WIRING KEY
A - 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
B - STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
C - 1-CONDUCTOR ELECTRICAL CABLE (NO. 8 A.W.G. THHN/THWN)
PS - PROPOSED UNDERGROUND ELECTRICAL SERVICE TO BE INSTALLED BY SMECO
PT - PROPOSED UNDERGROUND TELEPHONE SERVICE TO BE INSTALLED BY VERIZON
+ - GROUND ROD



GENERAL NOTES:
1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field. If the contractor perceives that a conflict between the utilities and the traffic signal will occur, the contractor shall notify the project engineer immediately so that the conflict may be resolved.
2. The contractor shall contact Mr. Bernard Countiss of SMECO at (301) 274-1800 72 hours prior to installing interconnect cable on SMECO poles.

CONSTRUCTION DETAIL

- A. Remove existing advance D3-2 sign.
- B. Install 14' breakaway pedestal pole, traffic signal heads, signs and "G" size cabinet with 2-circuit flasher unit as shown. (Note: 1-2" 90° polyvinyl chloride (Schedule 80) bend for future use and 1-3" 90° polyvinyl chloride (Schedule 80) bend) Also install Type 1 and Type 2 connectors kits in pedestal pole base
- C. Install handhole.
- D. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
- E. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched) from metered pedestal to bottom of utility pole for power. (Stub out conduit bend at bottom of wood pole as shown.)
- F. Proposed signal equipment. (See signal plan)
- G. Install 2" polyvinyl chloride electrical conduit (schedule 80) (trenched).
- H. Install metered service pedestal for Control and Distribution Equipment.

INTERCONNECT / H.I.B. PLAN



REVISIONS	APPROVALS
	<i>[Signature]</i> 3-20-04 TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 4/14 ASS'T. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 4/24 CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	<i>[Signature]</i> 4/24 DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION			
MD 246 @ WESTBURY BLVD./CARVER SCHOOL BLVD.			
JOB #: 01705458/058/M58 TDD #: 010004-47M			
DRAWN BY: D.A. NIES	F.A.P. NO. XX1065485	TS NO. 4294-IC1	SHEET NO. 2 OF 5
CHECKED BY: J. ALLEN	S.H.A. NO. ST. MARY'S	T.I.M.S. NO. F838	
SCALE: 1" = 50'	COUNTY: ST. MARY'S	LOG MILE: 18024601.48	
DATE: 3-18-04			